CURRICULUM VITAE

David Tavkhelidze

Date of birth: August 12, 1946.

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EDUCATION, QUALIFICATION, MEMBERSHIP OF PROFESSIONAL BODIES:

- 2009 to present — Elected Member of the European Academy of Science and Art.
- 2009 to present — Elected Member-Correspondent of the Georgian National Academy of Sciences;
- 1997 to present — Member of Georgian section of International Federation of Theory of Mechanisms and Machines (IFToMM);
- 1997 to present — Elected Member of Engineering Academy of Georgia;
- 1987 — Professor of the department of Theory of Mechanisms and Machines of Georgian Technical University;
- 1986 — Degree - Doctor of technical sciences;
- 1975-1976 — Scientific probationer of the Stanford University (USA);
- 1971-1987 — Associated professor of chair of Machine parts of Georgian Technical University;
- 1968-1971 — Post-graduate studies at the scientific-research Institute of Machine-building (Moscow). Degree: Candidate of Technical Sciences;
- 1963-1968 — Georgian Polytechnic Institute. Diploma of engineer in the field of mechanical engineering;

PROFESSIONAL EXPERIENCE

- 2008 to present — Head of Research Management department of Georgian Technical University;

- 2005-2008 Dean of the Mechanical engineering and transportation faculty of Georgian Technical University;
- 1987 to present Head of the department of Theory of Mechanisms and Machines of Georgian Technical University;
- 1987 Professor of the department of Theory of Mechanisms and Machines of Georgian Technical University;
- 1971-1987 Associated professor of chair of Machine parts of Georgian Technical University;
- 1985 to present Head of the scientific laboratory of "Automatic devices of technological processes" of Georgian Technical University
- 1971-1987 Associated professor of chair of Machine parts of Georgian Technical University.

TEACHING AREAS of ACTIVITY:

- Theory of Mechanisms and Machines, Machine parts and basis of design, Applied mechanics, Dynamics of machines, Vibration of mechanical systems.

THE SCIENTIFIC BRANCHES OF RESEARCH AND DESIGN:

- The kinematic and dynamic analysis and synthesis of multi bur mechanisms.
- The dynamic analysis and synthesis of the actuating mechanisms of industrial robots.
- Design of double acted hydro turbines and their attending mechanisms for small (up to 4 Mt) hydro power plants.
- Design and manufacturing of wind turbines and their attending mechanisms for small (up to 1,5-2 kWt) wind power plants.
- Design of automatic devices for different type of technological processes.
- Dissemination activity in the field of implementation of e-commerce platforms in the national SMEs.

Additional information: Professor D.Tavkhelidze is author of 113 printed scientific papers, 10 monographs and textbooks and 22 innovations. From 1999 up to nowadays he has been participated in different - BENE-BUS (IST-1999-29024), ENERGIA (IST-2000-26034), AFORO (IST-2001-37258), LIRICS (IST-2001-33190), FERBEV (EC Contract No 031918) as well EQUASER (SM_SCM-T029A06-2006) projects financed by European Commission.

LANGUAGES

Georgian – native

English – fluent

Russian – fluent